



California Regional Water Quality Control Board

Central Valley Region



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25 July 2005

Michael Chazen
Perry Creek Vineyards
7400 Perry Creek Road
Somerset, CA 95656

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 PERRY CREEK VINEYARDS, EL DORADO COUNTY

Regional Board staff has reviewed your 11 May 2005 Report of Waste Discharge (RWD) for coverage under Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a filing fee of \$872. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

Discharge Description

Michael Chazen (Discharger) owns Perry Creek Vineyards at 7400 Perry Creek Road in Somerset, El Dorado County. The site includes an operating winery (i.e. barrel storage building and tank farm), tasting room, and an existing 11-acre vineyard. In 2004, the Discharger crushed approximately 325 tons of grapes. The winery produces approximately 19,000 cases (approximately 42,182 gallons) of wine per year. The facility currently has a stormwater permit (WDID# 5S095014153). However, the Discharger has recently made some modifications so that all activities producing process wastewater or solid waste will be conducted under the cover of an enclosed building or roofing. Therefore, a Notice of Non Applicability for the General Stormwater Permit has also been submitted.

In the past, process wastewater has been discharged to an on-site septic system. However, the Discharger recently installed four 2,000-gallon below ground storage tanks, which now accept all process wastewater. Wastewater will be reused to irrigation 11 acres of existing vineyards. Two flow meters are used to monitoring wastewater flows generated from the barrel storage building and tank farm. Based on the assumption that two gallons of wastewater will be generated for every gallon of wine produced, the Discharger anticipates generating approximately 90,360 gallons of wastewater annually.

From the wastewater storage tanks, wastewater is loaded into an application trailer for discharge on the 11-acre vineyard. Weather permitting, the storage tank is emptied daily in order to avoid the creation of

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nuisance conditions. The wastewater is distributed as evenly as possible over the entire 11-acre vineyard, but with at least a seven-day rest period between wastewater applications to any one area. Wastewater is not applied during periods of precipitation, when soil is saturated, or when there is standing water in the application area.

Solid waste produced by the facility consists of grape stems and pomace (skins, seeds, and grape solids). Stems are temporarily stored on site after each batch of processing and then hauled to the vineyard and spread along the vineyard access road. Pomace is either placed in watertight bins or in the application trailer. At the end of each day, the pomace is transported to the vineyard and distributed evenly between the vines. Any solids containing free liquids are sent to the liquid wastewater storage tank for application with the liquid wastewater.

The Discharger has estimated the maximum volume and strength of wastewater and solid waste that will be produced, and has calculated the expected maximum hydraulic and agronomic loading rates for the proposed disposal area. Based on these calculations, the disposal area (11 acres of wine grape vines) should have adequate hydraulic and nutrient uptake capacity to receive the total process wastewater and solid waste from this facility and remain protective of groundwater and surface water quality. The Discharger has identified several Best Management Practices that will be followed in order to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading. The estimated volume of wastewater used to calculate the maximum loading rates was 90,300 gallons per year.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual monitoring report that contains the information described in Items No. 2 and 5 of the monitoring and reporting program must be submitted by **1 February** of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Board may take enforcement action, including assessment of administrative civil liability. If the method of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with a filing fee to renew the waiver, or cease the discharge. **If your total annual flow exceeds 100,000 gallons per year, the waiver is no longer applicable to your facility and you must submit a new RWD for individual Waste Discharge Requirements.**

If you have any questions, please contact Scott Kranhold at (916) 464-4689.

Michael Chazen
Perry Creek Vineyards

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25 July 2005

--Original Signed By--

THOMAS R. PINKOS
Executive Officer

encl: Resolution No. R5-2003-0106

cc: w/o encl El Dorado County Environmental Health Department, Placerville
Dan Hinrichs, DHH Engineering, Placerville